

IFW/1614



**Law Office of Michael A. Sanzo, LLC**  
*Practice Limited to Patent Law*

January 9, 2007

Commissioner of Patents  
U.S. Patent and Trademark Office  
Customer Service Window, MS Amendment  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Re: Information Disclosure Statement  
Appl. No.: 10/591,340  
Filed: August 6, 2006  
Title: **Process for Preparing N-Protected  
4-Ketoproline Derivatives**  
Inventor(s): ROSSEN, et al.  
Atty. Dkt.: 7601/88254

Dear Sir:

The following documents are being forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Information Disclosure Statement;
2. PTO/SB/08a (list of references);
3. References C1-C10; and
4. Return Postcard.

**Applicants do not believe that any fee is due for the filing of the above documents. However, the Director is hereby authorized to charge any fee deficiency for this filing to our Deposit Account No. 50-4056 under Order No. 7601/88254.**

It is respectfully requested that the enclosed postcard be stamped with the date the enclosed documents are received by the PTO and that it be returned as soon as possible.

Very truly yours,

LAW OFFICE OF MICHAEL A. SANZO, LLC

Michael A. Sanzo  
Reg. No. 36,912  
Attorney for Applicant

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Kai ROSSEN

Appl. No.: 10/591,340

Filed: August 31, 2006

For: **PROCESS FOR PREPARING  
N-PROTECTED 4-KETOPROLINE  
DERIVATIVES**



Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

Atty. Dkt.: 7601/88254

## Information Disclosure Statement

### **MAIL STOP - AMENDMENT**

Commissioner of Patents  
U.S. Patent and Trademark Office  
P.O. Box 1450  
Arlington, Virginia 22131-1450

Sir:

Submitted herewith is a listing of documents known to Applicants and/or their attorney in compliance with the requirements of 37 C.F.R. § 1.56. Some of these references were cited in the Search Report for corresponding international application no. PCT/US2005/001750 mailed June 27, 2005. Copies of the listed documents (with the exception of the US patent references) are also enclosed. In cases where the month of a publication is not provided, Applicants would like to point out that the year of publication is sufficiently earlier than the effective U.S. filing date and any foreign priority date that the particular month of publication is not in issue.

Applicant does not waive any rights to appropriate action to establish patentability over any of the listed documents should they be applied as references against the claims of the present application. This statement should not be construed as a representation that more material information does not exist or that an exhaustive search of the relevant art has been made.

Consideration of the cited documents and making the same of record in the prosecution of the above-captioned application are respectfully requested.

Applicants do not believe any fee is due for the submission of this Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any fee deficiency to our Deposit Account No. 50-4056 under Order No. 7601/88254.

Respectfully submitted,

LAW OFFICE OF MICHAEL A. SANZO



By: \_\_\_\_\_

Michael A. Sanzo  
Registration No. 36,912  
Attorney for Applicants

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**1** Applicant's unique citation designation number (optional). **2** See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 2 of 2 Attorney Docket 7610/88254

Application Number 10/591,340

Filing Date August 31, 2006

First Named Inventor Kai, ROSEN

Art Unit Not Yet Assigned

Examiner Name Not Yet Assigned

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	International Search Report Dated June 15, 2005	
	C2	BALDWIN, et al., "Towards a Versatile Synthesis of Kainoids I: Introduction of the C-3 and C-4 Substituents," <i>Tetrahedron</i> , Vol. 53, No. 14:5233-5254 (1997)	
	C3	CARLSEN, et al., "A Greatly Improved Procedure for Ruthenium Tetraoxide Catalyzed Oxidations of Organic Compounds," <i>J. Org. Chem.</i> 46:3936-3938 (1981)	
	C4	CRAWFORD, "A Practical Synthesis of 7,7,8,8-Tetracyanoquinodimethane," <i>J. Org. Chem.</i> 48:1366-1368 (1983)	
	C5	KANAME, et al., "First Synthesis of Lycoperdic Acid," <i>Tetrahedron Letters</i> , Vol. 33, No. 52:8103-8104 (1992)	
	C6	NARUKAWA, et al., "General and Efficient Synthesis of 2-Alkylcarbapenems: Synthesis of Dethiacarba Analogs of Clinically Useful Carbapenems via Palladium-Catalyzed Cross-Coupling Reaction," <i>Tetrahedron</i> , Vol. 53, No. 2:539-556 (1997)	
	C7	PATCHETT, et al., "Studies on Hydroxyproline," <i>J. Amer. Chem. Soc.</i> 79:185-192 (1957)	
	C8	QIU, et al., "Practical Synthesis of Boc-Protected <i>cis</i> -4-Trifluoromethyl and <i>cis</i> -4-Difluoromethyl-L-prolines," <i>J. Org. Chem.</i> 67:7162-7164 (2002)	
	C9	SAIN, et al., "A Facile Synthesis of 4-Arylidene-2-Oxazolin-5-Ones by Using <i>N,N</i> -Dimethylchlorosulphite Methaniminium Chloride as a Cyclodehydrating Agent," <i>Chemistry and Industry</i> 15:499 (Aug. 1990)	
	C10	TAMAKI, ET AL., "Synthesis of 4- <i>cis</i> -Phenyl-L-proline via Hydrogenolysis," <i>J. Org. Chem.</i> 66:3593-3596 (2001)	